1st & final Bill SBR/EEE/SSD/125/16-17 dt. 20/09/16

Job code: 013-17-000010
Est. cost: 50.00 Lakhs.
KRWS-463/26/10/16

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 169057

Serial No.....

Improvements to CC roads & RCC drains at Byappa circle 9th A & B cross 1st & 2nd cross back side of Muttuvayaswamy temple roads and other roads in ward No. 13, Shettyhalli Sub Div

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....Technical Manager (West), KRIDL

AA. No: AC/DZ/AS/33/2016-17, dt. 3/8/16.
T.S. No: CE/DZ/TS/44/2016-17, dt. 01.09.16.
W.O. No: KRMP/EE/SSD/63/16-17 dt. 02.09.16

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Date of recording:		19-9-16				
(1)	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 20m & an average lift upto 1.5m, excavated surface labelled and sides neatly dressed. the disposed earth to be levelled neatly after breaking clods complete as per specifications. As per premeasurement Sch recorded in this MB page No. 169096 vide item No. (1). . . i.e. @ Rate of 83.06/cum.					552.06 cum = ₹ 45909/-	
(2)	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	In foundation, including cost of all materials, labour, Hire & machinery, curing complete as per specifications. As per premeasurement Qty recorded in this MB page No. 169097 vide Item No. ②. i.e. @ Rate of 5070.60/cum					92.34 Cum = £4,68,219/-	
③	providing and laying in position reinforced cement concrete of design mix M30 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregate @ 0.69cum & fine aggregates @ 0.460cum, use of Super plasticisers @ 3 litres confirming to IS 9103 & 1999 reaffirmed - 2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls staircase, retaining walls, return walls, walls (any thickness including attached pilasters, columns, piers, abutments, pillars, posts, struts, battresses, string or facing courses, parapets, bed blocks, anchor blocks, plain window sills, fillets etc., including cost of all materials, labour, Hire of machinery, curing, complete as per Specifications. As per premeasurement Qty recorded in this MB Page no. 169100 vide Item No. ③. @ rate of 6198.12/cum					278.90 cum = £17,28,625/-	

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 169058

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
②	Providing T.M.T. steel reinforcement for R.C.C works including straightening, cutting, bending, hooking placing in position, lapping and / welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary, complete as per design Claps, hooks and wastage should not be measured and paid cost of materials, labour, Hire of machinery complete as per specifications. As per premeasurement Qty recorded in this MB page no. 169098 vide Item no ② @ Rate of 6851.51/Qtl 6980.58					165.41 Qtls = £ 11,33,295/- 1154658 -	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							364947=
			KRIDL charges 8/o				=₹ 3,63,262/-
			QC 1.6.				=₹ 50,000/-
					TOtal		=₹ 49,54,040/-
							4926786=
	Certificate:						
	① The work done by contractor satisfactorily.						
	② The contractor has removed all debris from worksport.						
	③ There is no departmental issues.						
							RCC Slab
							By Kappal circle
							1994 AC

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 169060

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Audited and admitted for Rs. 4926786=						
	Passed by Cheque for Rs. 4283082=						
	by adjustment Rs 643704=						
	Accounts Superintendent 14/11/11 Executive Engineer						
	KRIDL M.P. Hegganahalli Division						